

Reporting Title: Hippuric Acid, U  
Performing Location: NMS Labs

Specimen Requirements:  
\*\*\*Must submit one specimen per order. Specimens cannot be shared between multiple orders.\*\*\*

Specimen Type: Urine  
Container/Tube: Plastic preservative-free urine container  
Specimen Volume: 3 mL

Collection Instructions: Collect 3 mL random urine specimen at end of shift. Send specimen refrigerated in a plastic, preservative-free urine container.

Specimen Type	Temperature	Time	Special Container
Urine	Refrigerated (preferred)	30 days	
	Frozen	30 days	
	Ambient	5 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
Z1305	Creatinine	Alphanumeric	mg/L	2161-8
Z1341	Reporting Limit	Alphanumeric	mg/L	19147-8
Z1309	Hippuric Acid	Alphanumeric	g/L	6709-0
Z1342	Reporting Limit	Alphanumeric	g/L	19147-8
Z1306	Hippuric Acid(Creatinine corrected)	Alphanumeric	g/g Cr	13754-7
Z1343	Reporting Limit	Alphanumeric	g/g Cr	19147-8
Z2513	Specific Gravity Confirmation	Alphanumeric		5810-7

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:  
No

CPT Code Information:  
82570  
83921  
81002 (if appropriate)

Reference Values:  
Reporting limit determined each analysis

Creatinine (mg/L):  
U.S. Population (10th – 90th percentiles, median)  
All participants:

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335 - 2370 mg/L, median: 1180 (n=22,245)

Males:

495 - 2540 mg/L, median: 1370 (n=10,610)

Females:

273 - 2170 mg/L, median 994 (n=11,635)

Hippuric Acid (g/L)

Normal for unexposed populations is generally less than 1.6 g/L.

Hippuric Acid (Creatinine corrected) (g/g Creat)

Normal for unexposed populations is generally less than 1.5 g/g creatinine.

Specific Gravity Confirmation

Physiologic range: 1.010 - 1.030